

# The New NIST Security Standards and Guidelines for FISMA.

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## **Biography**

Dr. Ron Ross is a senior computer scientist and information security researcher at the National Institute of Standards and Technology (NIST). His areas of specialization include security requirements definition, security testing and evaluation, and information assurance. Dr. Ross currently leads the FISMA Implementation Project for NIST, which includes the development of key security standards and guidelines for the federal government and critical information infrastructure. His recent publications include FIPS 199 (the security categorization standard), Special Publication 800-53 (the security controls guideline), and Special Publication 800-37 (the system certification and accreditation guideline). Dr. Ross is also the architect of the risk management framework that integrates the suite of NIST security standards and guidelines into a comprehensive enterprise security program.

Dr. Ross previously served as the Director of the National Information Assurance Partnership, a joint activity of NIST and the National Security Agency. A 1973 graduate of the United States Military Academy at West Point, Dr. Ross served in a variety of leadership and technical positions during his twenty-year career in the United States Army. While assigned to the National Security Agency, he received the Scientific Achievement Award for his work on a national information security project and was awarded the Defense Superior Service Medal upon his departure from the Agency. During his military career, Dr. Ross served as a White House aide and as a senior technical advisor to the Department of the Army. Dr. Ross is a graduate of the Program Management School at the Defense Systems Management College and holds both Masters and Ph.D. degrees in Computer Science from the United States Naval Postgraduate School.